

**REMARKS**

Claims 1-38 are pending in this application. By this Response, claims 1, 3-10, 12-15, 17 and 30 are amended and claims 2, 11, 16 and 26 are canceled. Independent claims 1, 15 and 30 are amended to incorporate subject matter from canceled claims 2, 11, 16 and 26, respectively. Claims 3-10, 12-14, and 17 are amended to be consistent with the amendment to the preambles of claims 1 and 15 and to correct dependencies on canceled claims. No new matter has been added by any of the amendments to the claims. Support for the amendments to the independent claims may be found in the original claims 2, 11, 16 and 26 as well as in the specification. Reconsideration of the restriction requirement is respectfully requested in view of the following remarks.

**1. Restriction of Claims 1-38**

The Restriction Requirement states that Applicants must elect a group of claims from the groups designated as follows:

- Group I: Claims 1-30, drawn to particular algorithmic function encoding, classified in class 380, subclass 28;
- Group II: Claims 31-34 drawn to access control and network authorization, classified in class 726, subclass 4; and
- Group III: Claims 35-38 drawn to key distribution, classified in class 380, subclass 278.

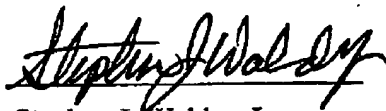
Applicants hereby elect **Group I, claims 1-30** without traverse.

**II. Conclusion**

The Examiner is invited to call the undersigned at the below-listed telephone number if in the opinion of the Examiner such a telephone conference would expedite or aid the prosecution and examination of this application.

Respectfully submitted,

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